

Fig.1

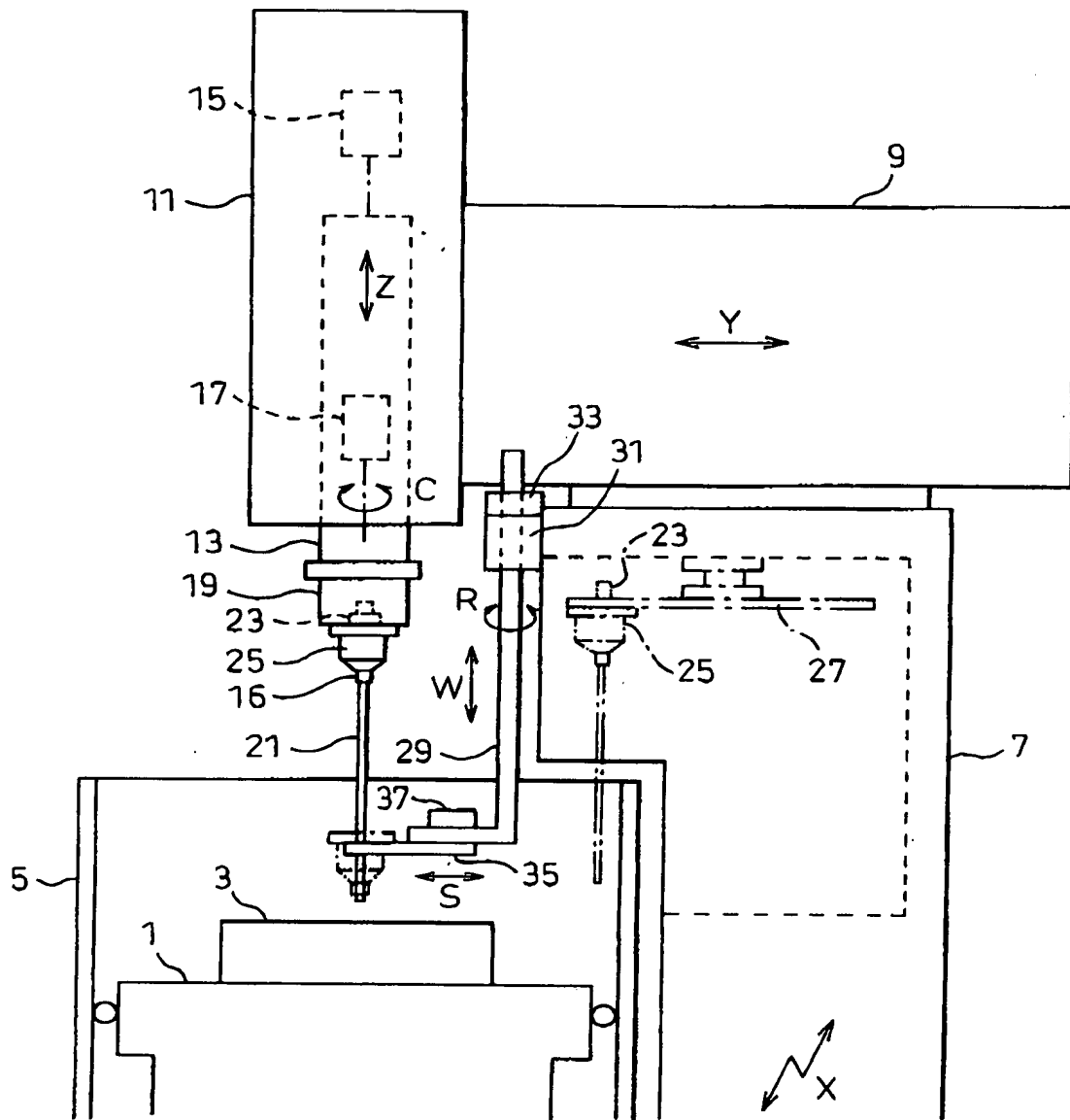


Fig.2

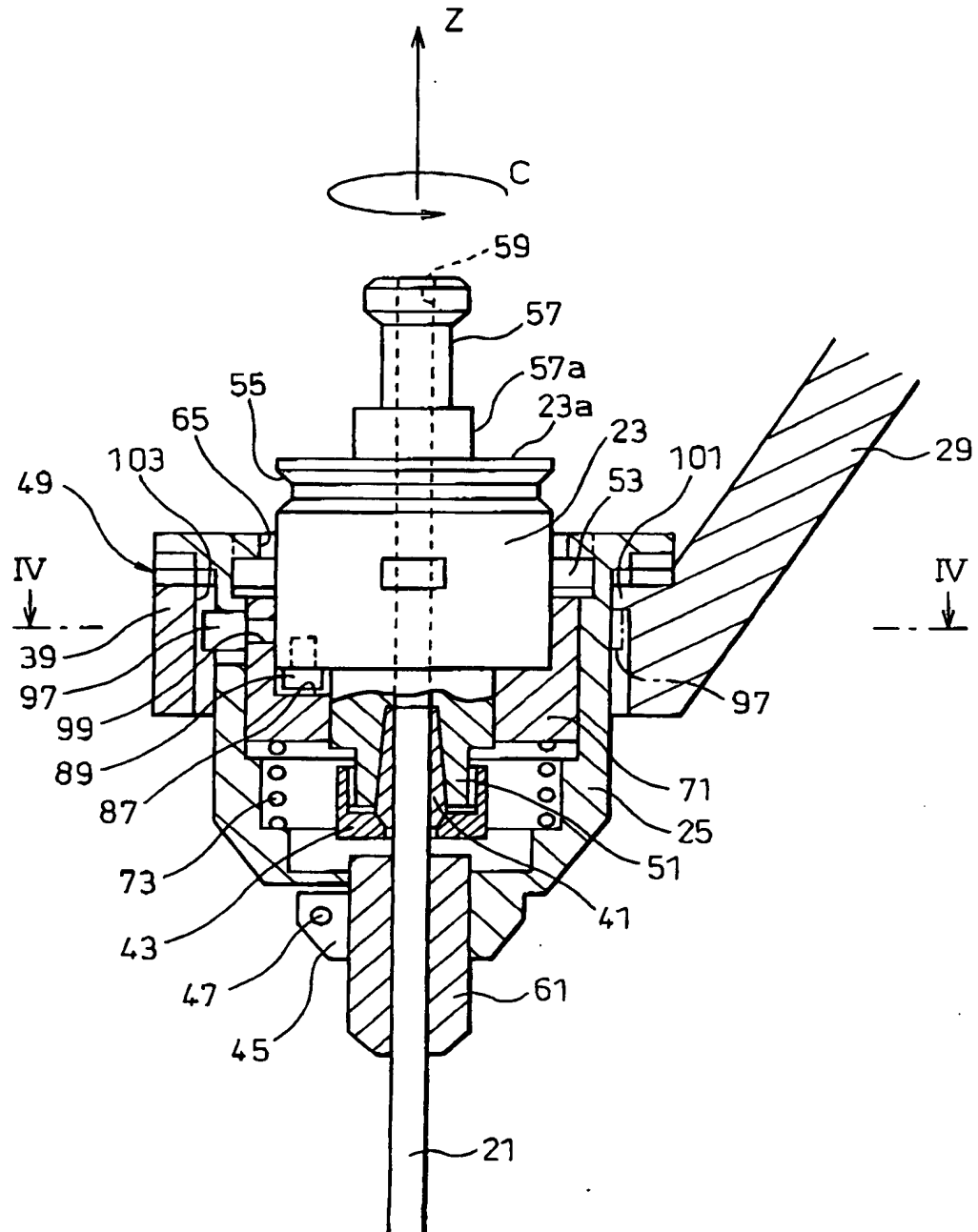


Fig. 3

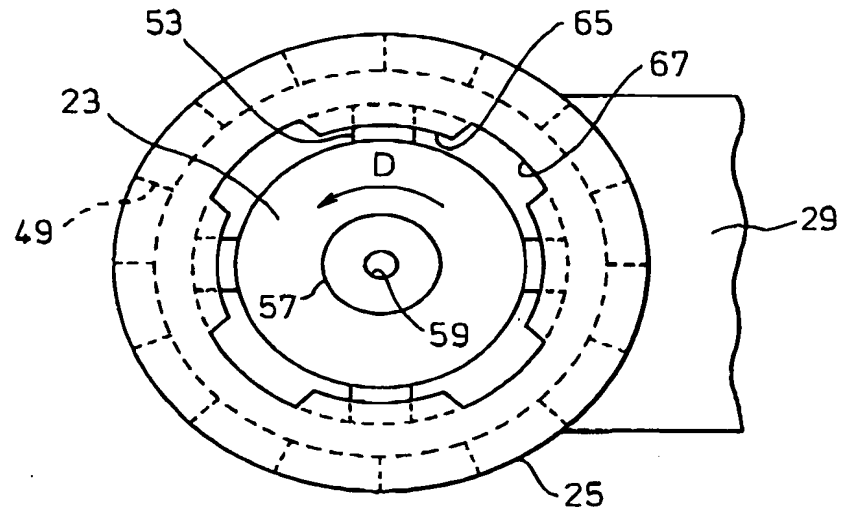


Fig. 4

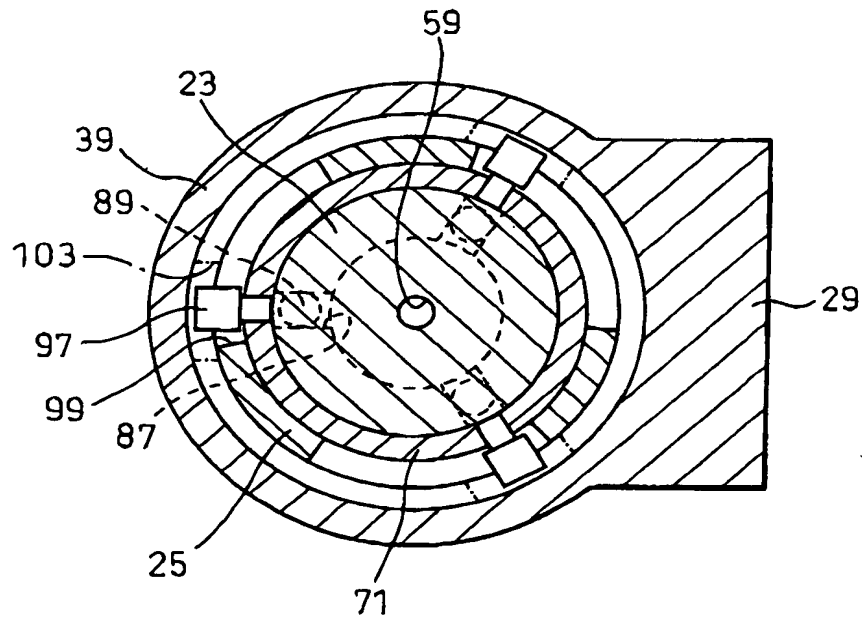


Fig.5A Fig.5B Fig.5C Fig.5D Fig.5E

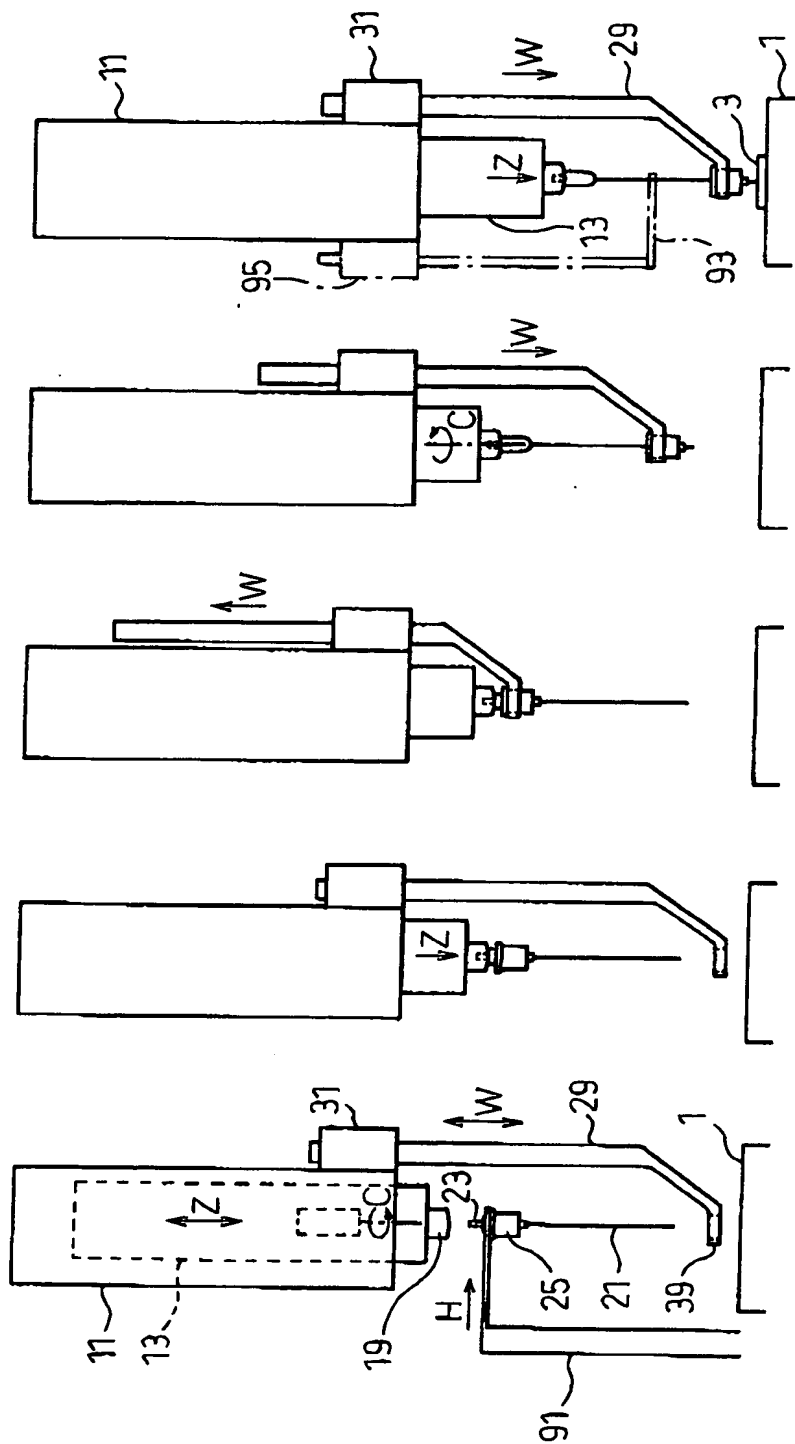
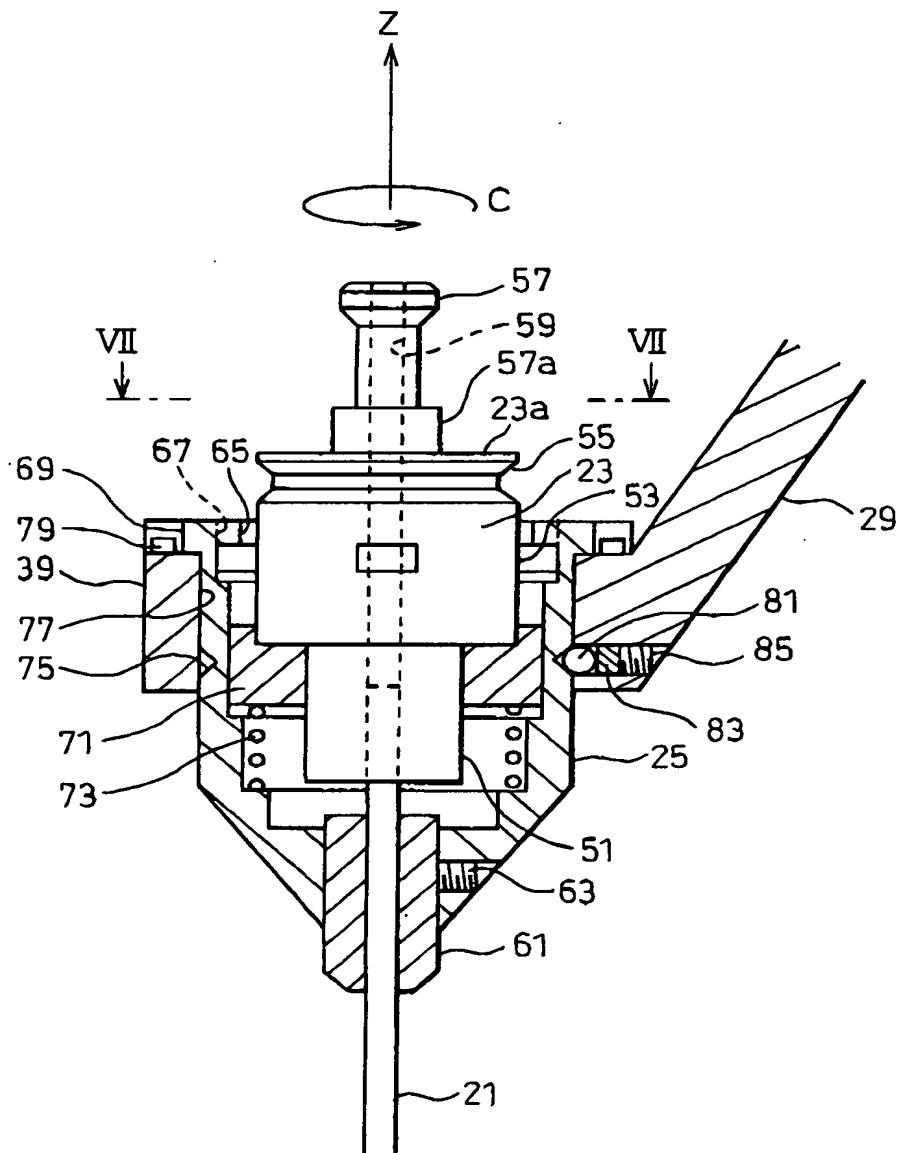


Fig. 6





LIST OF REFERENCE CHARACTERS

1	Table
3	Workpiece
5	Work tank
7	Column
9	Ram
11	Spindle head
13	Spindle
15	Servo motor
17	Servo motor
19	Attachment means
21	Electrode
23	Electrode holder
23a	Top surface
25	Electrode guide holder
27	Electrode magazine
29	Gripper arm
31	Bracket
33	Drive device
35	Gripper
37	Drive device
39	Gripper section
41	Spring collet
43	Nut
45	Slotted portion
47	Screw

49 Curvic coupling  
51 Electrode holding section  
53 Projection  
55 Groove  
57 Pull stud  
57a Outer circumference  
59 Flow path  
61 Electrode guide  
63 Set screw  
65 Projection  
67 Recess  
69 Groove  
71 Pushing piece  
73 Spring  
75 Groove  
77 Inner hole  
79 Projection  
81 Ball  
83 Elastic member  
85 Set screw  
87 Groove  
89 Pin  
91 Electrode holder replacement arm  
93 Anti-vibration guide  
95 Bracket  
97 Pin  
99 Window



101 Projecting portion

103 Groove